

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/540,479A
Source: IFWP
Date Processed by STIC: 7/20/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 07/20/2006

PATENT APPLICATION: US/10/540,479A

TIME: 08:32:06

Input Set : A:\GULDE-63.APP

Output Set: N:\CRF4\07202006\J540479A.raw

3 <110> APPLICANT: GOLETZ, STEFFEN
4 DANIELCZYK, ANTJE
5 STAHN, RENATE
6 KARSTEN, UWE
8 <120> TITLE OF INVENTION: RECOGNITION MOLECULES FOR THE TREATMENT AND DETECTION
9 OF TUMORS
11 <130> FILE REFERENCE: GULDE-63
13 <140> CURRENT APPLICATION NUMBER: 10/540,479A
14 <141> CURRENT FILING DATE: 2005-06-23
16 <150> PRIOR APPLICATION NUMBER: PCT/DE04/00132
17 <151> PRIOR FILING DATE: 2004-01-23
19 <150> PRIOR APPLICATION NUMBER: DE 103 03 664.4
20 <151> PRIOR FILING DATE: 2003-01-23
22 <160> NUMBER OF SEQ ID NOS: 91
24 <170> SOFTWARE: PatentIn Ver. 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 5
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
33 peptide
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36 Asp Ala Trp Met Asp
37 1 5
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 5
42 <212> TYPE: PRT
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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49 <400> SEQUENCE: 2
50 Asn Tyr Trp Met Asn
51 1 5
54 <210> SEQ ID NO: 3
55 <211> LENGTH: 19
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
61 peptide
63 <400> SEQUENCE: 3

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67 Val Lys Gly
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 19
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
78     peptide
80 <400> SEQUENCE: 4
81 Glu Ile Arg Leu Lys Ser Asn Asn Tyr Thr Thr His Tyr Ala Glu Ser
82   1           5           10           15
84 Val Lys Gly
88 <210> SEQ ID NO: 5
89 <211> LENGTH: 7
90 <212> TYPE: PRT
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
95     peptide
97 <400> SEQUENCE: 5
98 Gly Gly Tyr Gly Phe Asp Tyr
99   1           5
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 6
104 <212> TYPE: PRT
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
109     peptide
111 <400> SEQUENCE: 6
112 His Tyr Tyr Phe Asp Tyr
113   1           5
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 16
118 <212> TYPE: PRT
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
123     peptide
125 <400> SEQUENCE: 7
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127   1           5           10           15
130 <210> SEQ ID NO: 8
131 <211> LENGTH: 16
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:

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136 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
137     peptide
139 <400> SEQUENCE: 8
140 Arg Ser Ser Lys Ser Leu Leu His Ser Asn Gly Ile Thr Tyr Phe Phe
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145 <211> LENGTH: 7
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
151     peptide
153 <400> SEQUENCE: 9
154 Lys Val Ser Asn Arg Phe Ser
155   1             5
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159 <211> LENGTH: 7
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
165     peptide
167 <400> SEQUENCE: 10
168 Gln Met Ser Asn Leu Ala Ser
169   1             5
172 <210> SEQ ID NO: 11
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174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
179     peptide
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182 Phe Gln Gly Ser His Val Pro Leu Thr
183   1             5
186 <210> SEQ ID NO: 12
187 <211> LENGTH: 9
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
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197   1             5
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201 <211> LENGTH: 5
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence

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205 <220> FEATURE:
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210 Asn Tyr Trp Val Asn
211 1 5
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215 <211> LENGTH: 5
216 <212> TYPE: PRT
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
221 peptide
223 <400> SEQUENCE: 14
224 Asn Tyr Trp Ile Asn
225 1 5
228 <210> SEQ ID NO: 15
229 <211> LENGTH: 5
230 <212> TYPE: PRT
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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237 <400> SEQUENCE: 15
238 Asn Tyr Trp Tyr Asn
239 1 5
242 <210> SEQ ID NO: 16
243 <211> LENGTH: 5
244 <212> TYPE: PRT
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
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252 Asn Tyr Trp Trp Asn
253 1 5
256 <210> SEQ ID NO: 17
257 <211> LENGTH: 5
258 <212> TYPE: PRT
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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265 <400> SEQUENCE: 17
266 Asp Ala Trp Ile Asp
267 1 5
270 <210> SEQ ID NO: 18
271 <211> LENGTH: 5
272 <212> TYPE: PRT

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275 <220> FEATURE:
276 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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281     1             5
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285 <211> LENGTH: 5
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
291     peptide
293 <400> SEQUENCE: 19
294 Asp Ala Trp Tyr Asp
295     1             5
298 <210> SEQ ID NO: 20
299 <211> LENGTH: 5
300 <212> TYPE: PRT
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
305     peptide
307 <400> SEQUENCE: 20
308 Asp Ala Trp Trp Asp
309     1             5
312 <210> SEQ ID NO: 21
313 <211> LENGTH: 19
314 <212> TYPE: PRT
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
319     peptide
321 <400> SEQUENCE: 21
322 Glu Ile Arg Ser Lys Ala Asn Asn Tyr Ala Thr Tyr Tyr Ala Glu Ser
323     1             5             10             15
325 Val Lys Gly
329 <210> SEQ ID NO: 22
330 <211> LENGTH: 19
331 <212> TYPE: PRT
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
336     peptide
338 <400> SEQUENCE: 22
339 Glu Ile Arg Leu Lys Ser Asn Lys Tyr Thr Thr His Tyr Ala Glu Ser
340     1             5             10             15
342 Val Lys Gly

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/540,479A

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Input Set : A:\GULDE-63.APP
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:82; Xaa Pos. 23,24,27,29,31,32,33,34,35,50,51,52,53,54,55,56,57,58,59
Seq#:82; Xaa Pos. 60,61,62,63,64,65,66,67,68,76,82,90,100,101,102,103,104
Seq#:82; Xaa Pos. 105,106,107,118
Seq#:83; Xaa Pos. 2,4,7,8,9,11,14,17,18,24,25,26,27,28,29,30,31,32,33,34,35
Seq#:83; Xaa Pos. 36,37,38,39,47,50,53,55,56,57,58,59,60,61,69,79,88,94,95
Seq#:83; Xaa Pos. 96,97,98,99,100,101,102,105,111
Seq#:84; Xaa Pos. 23,24,27,29
Seq#:86; Xaa Pos. 8,14,22,32
Seq#:87; Xaa Pos. 11
Seq#:88; Xaa Pos. 2,4,7,8,9,11,14,17,18
Seq#:89; Xaa Pos. 8,11,14
Seq#:90; Xaa Pos. 8,18,27
Seq#:91; Xaa Pos. 3,9

VERIFICATION SUMMARY

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Input Set : A:\GULDE-63.APP

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L:3239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:16
M:341 Repeated in SeqNo=82
L:3374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0
M:341 Repeated in SeqNo=83
L:3433 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:16
L:3481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0
M:341 Repeated in SeqNo=86
L:3506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:0
L:3565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0
M:341 Repeated in SeqNo=88
L:3597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:0
L:3626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:0
M:341 Repeated in SeqNo=90
L:3656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:0